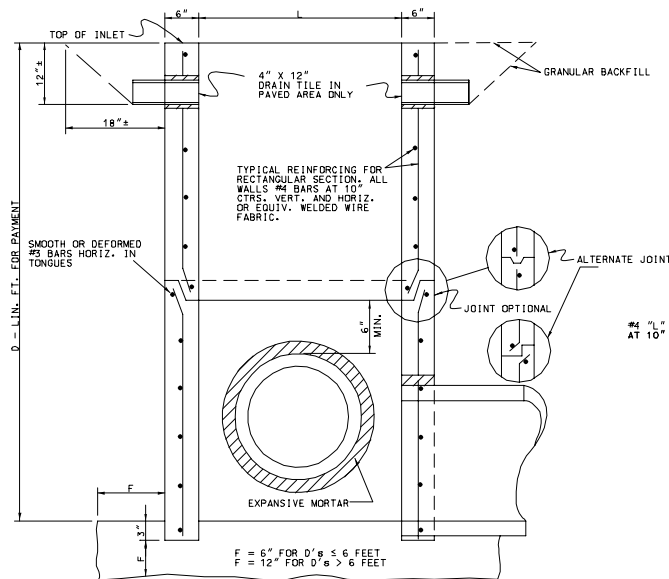
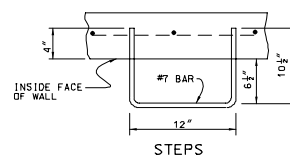


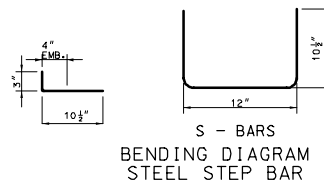
SECTION A-A



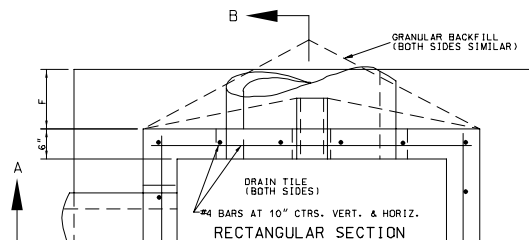
SECTION B-B



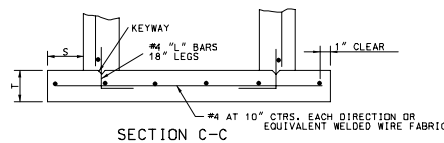
STEPS



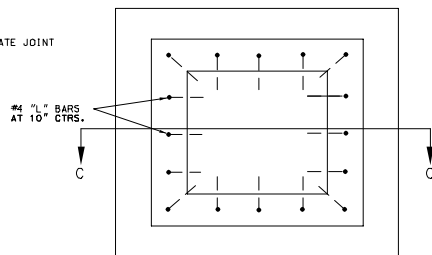
S - BARS
BENDING DIAGRAM
STEEL STEP BAR



INLET PLAN
HALF-SECTION



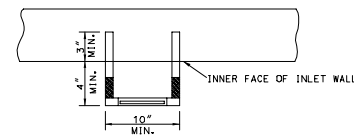
SECTION C-C



S = 0 FOR DEPTHS ≤ 6 FEET AND 9" FOR DEPTHS > 6 FEET
T = 6" FOR DEPTHS ≤ 6 FEET AND 9" FOR DEPTHS > 6 FEET

FOUNDATION SLAB AND BASE SECTION MAY BE POURED MONOLITHIC OR SEPARATELY WITH A KEYWAY.

PRECAST FOUNDATION SLAB



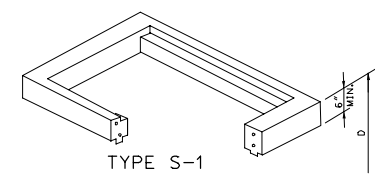
STEPS SHALL BE PLACED AT VERTICAL INTERVALS OF 16" MAXIMUM IN ALL INLETS HAVING A DEPTH OF MORE THAN 4 FEET. STEPS SHALL BEGIN AT AN ELEVATION 6" ABOVE THE TOP OF THE OUTLET PIPE.

STEPS SHALL BE SET LEVEL AND IN VERTICAL ALIGNMENT AND NOT NEARER THAN 3" TO A JOINT.

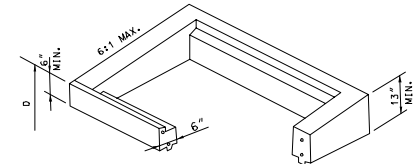
NO DIRECT PAYMENT WILL BE MADE FOR INLET STEPS.

STEPS ARE NOT REQUIRED FOR TYPE D INLETS.

STEP INSTALLATION
(OTHER THAN STEEL BAR)

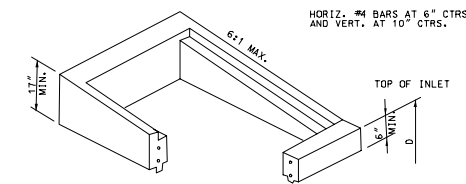


TYPE S-1



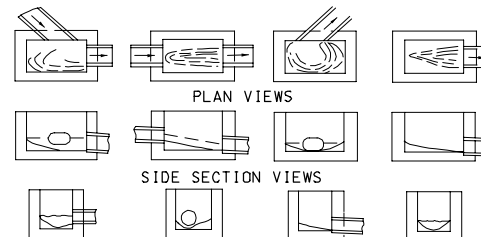
TYPE S-2

HORIZ. #4 BARS AT 6" CTRS. AND VERT. AT 10" CTRS.



TYPE S-3

SEE OTHER DRAWINGS FOR GRATES AND BEARING PLATES. TYPICAL LOCATION DETAILS ARE INDICATED ON SHEET 4 OF 4. TOP SECTIONS MAY BE CAST MONOLITHIC WITH BASE SECTION.



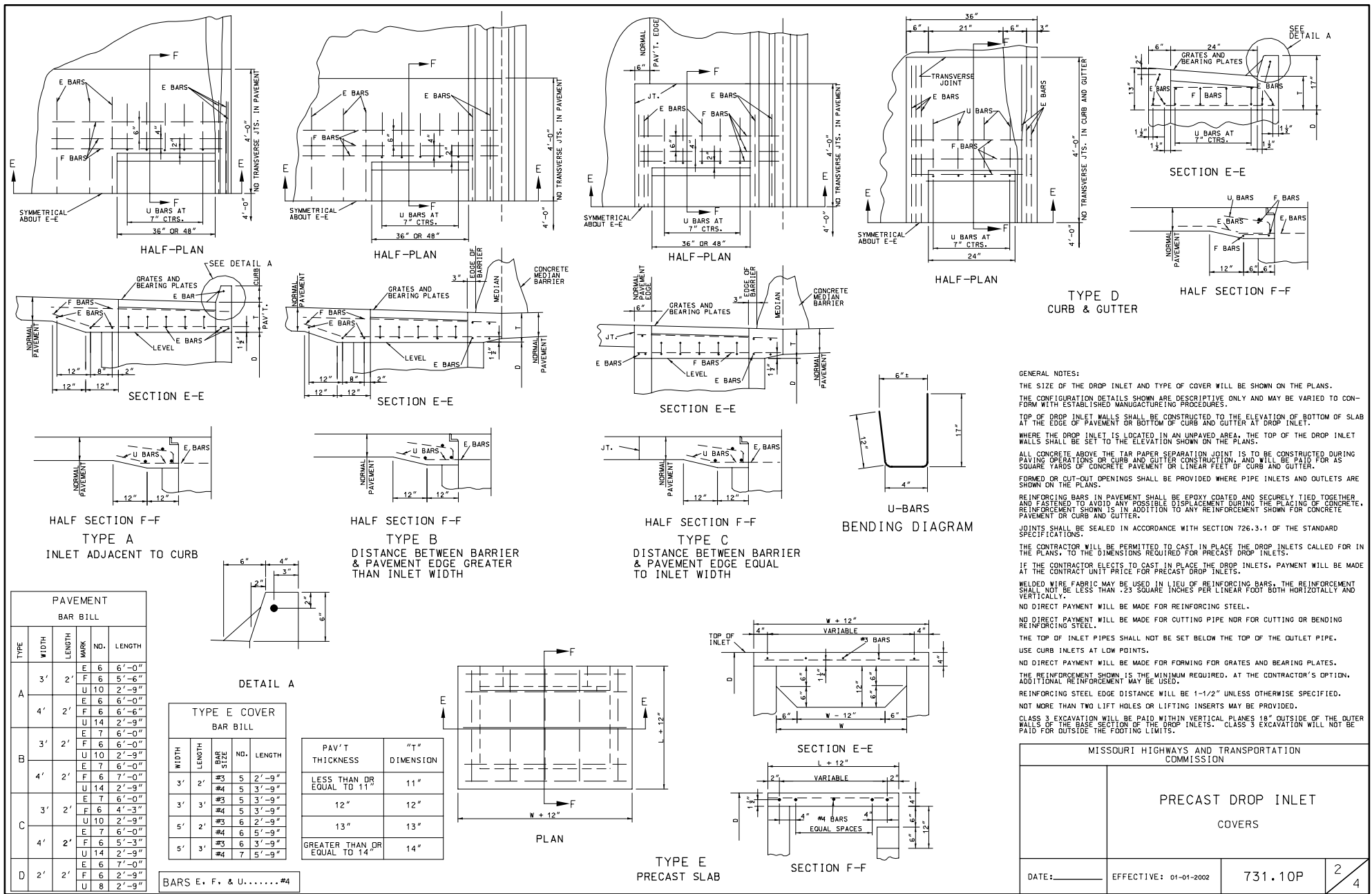
PLAN VIEWS
SIDE SECTION VIEWS
END SECTION VIEWS
TYPICAL INVERTS

DROP INLET		
WIDTH FT.	LENGTH FT.	TYPE
3	2	A+B+C
4	2	
2	2	D
3	2	E+S-1 S-2, S-3
3	3	
5	2	
5	3	

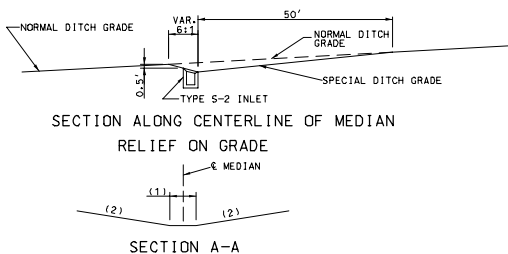
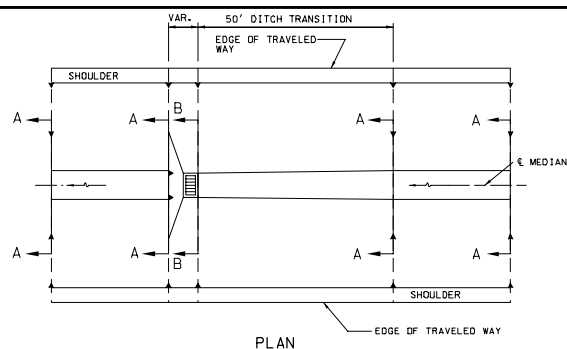
GENERAL NOTES:

THE CONCRETE FOR INVERTS SHALL BE PLACED AFTER COMPLETION OF THE DROP INLET BOX. NO DIRECT PAYMENT WILL BE MADE FOR FURNISHING OR PLACING INVERT CONCRETE.

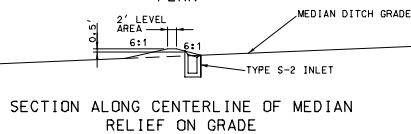
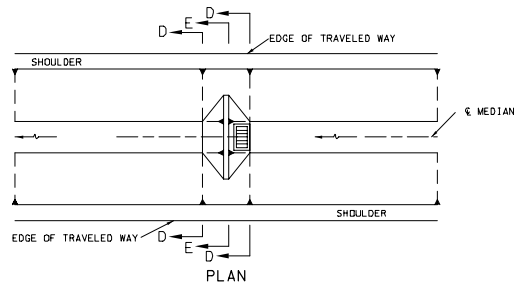
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
PRECAST DROP INLET			
DATE: _____	EFFECTIVE: 01-01-2002	731.10P	1/4



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
PRECAST DROP INLET COVERS			
DATE: _____	EFFECTIVE: 01-01-2002	731.10P	2/4



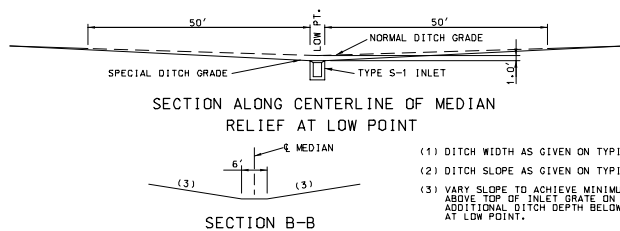
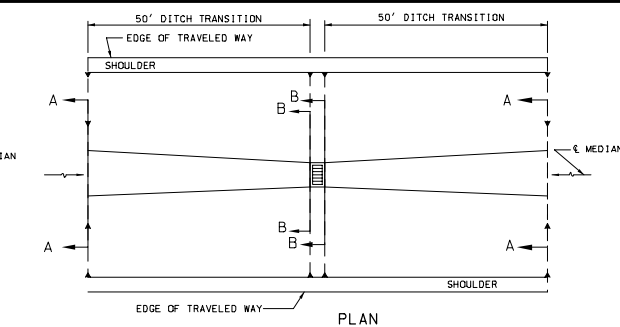
DETAILS FOR MEDIAN RELIEF-60' MEDIAN



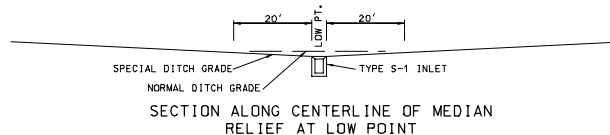
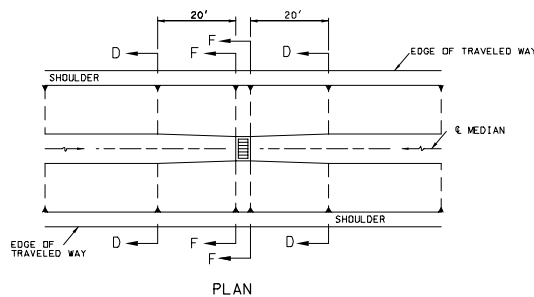
SECTION D-D

SECTION E-E

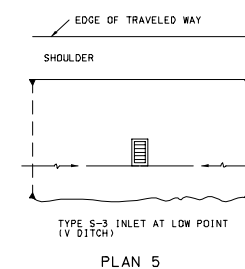
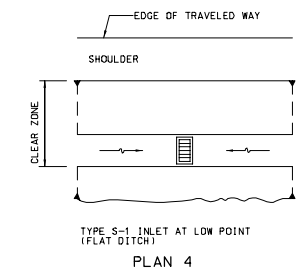
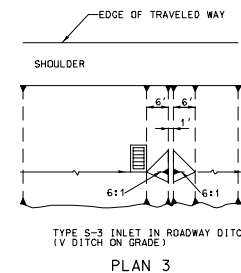
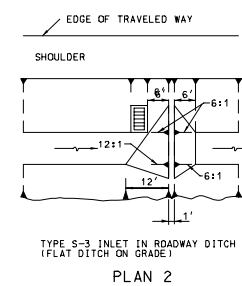
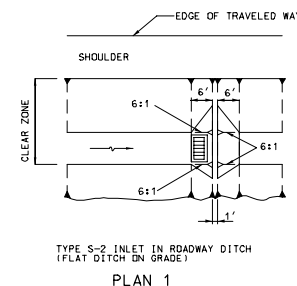
DETAILS FOR MEDIAN RELIEF-40' MEDIAN



- (1) DITCH WIDTH AS GIVEN ON TYPICAL SECTION.
- (2) DITCH SLOPE AS GIVEN ON TYPICAL SECTION.
- (3) VARY SLOPE TO ACHIEVE MINIMUM 0.5 FT. FREEBOARD ABOVE TOP OF INLET GRATE ON GRADE, OR 1.0 FT. ADDITIONAL DITCH DEPTH BELOW NORMAL DITCH GRADE AT LOW POINT.
- (4) VARY WIDTH TO ACHIEVE MINIMUM 0.5 FT. FREEBOARD ABOVE TOP OF INLET GRATE.



SECTION F-F



DETAILS FOR ROADWAY DITCH INLETS LOCATED WITHIN THE CLEAR ZONE

GENERAL NOTES:

THIS DRAWING IS FOR GENERAL INFORMATION ONLY. ACTUAL CONSTRUCTION DETAILS SHALL CONFORM TO THOSE SHOWN ON THE DETAIL PLANS.

DETAILS ON THIS SHEET ARE ONLY FOR USE WITH STRUCTURES LOCATED IN THE MEDIAN OR WITHIN THE CLEAR ZONE.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
PRECAST DROP INLET TYPICAL LOCATION DETAILS - TYPE S			
DATE: _____	EFFECTIVE: 01-01-2002	731.10P	4 4